

WHAT IS CLAIMED IS:

1. An electric power demand prediction service method in supplying an electric power from an electric power supplier to an energy consumer, comprising the steps of:

5 connecting a power supplier supplying an electric power to the energy consumer through a communication circuit;

receiving an electric power demand and supply record data measured and collected by said electric power supplier;

performing prediction calculation of demand power to be
10 supplied from said electric power supplier on the basis of said received record data;

delivering said power demand prediction data to said electric power supplier;

calculating a charge for the service producing said
15 prediction data to said electric power supplier; and

delivering a result of charge calculation process to said electric power supplier.

2. An electric power demand prediction service method as
20 set forth in claim 1, wherein the prediction of the demanded power is performed using demanded power prediction data held by said electric power supplier or database of external organization in addition to power demand and supply record data.

25 3. An electric power demand prediction service system in

supplying an electric power from an electric power supplier to an energy consumer, comprising:

a demand prediction service center including:

electric power demand and supply record data receiving
5 portion connected with a power supplier supplying an electric power to the energy consumer through a communication circuit, and receiving an electric power demand and supply record data measured and collected by said electric power supplier;

predicting portion performing prediction calculation of
10 demand power to be supplied from said electric power supplier on the basis of said received record data;

delivering portion delivering said power demand prediction data to said electric power supplier;

charge calculation processing portion calculating a
15 charge for the service producing said prediction data to said electric power supplier; and

delivering portion delivering a result of charge calculation process to said electric power supplier, for providing the prediction data of the demanded power to said
20 electric power supplier.

4. An electric power demand prediction service system as set forth in claim 3, wherein said demand prediction service center performs prediction of the demanded power using demanded
25 power prediction data held by said electric power supplier or

database of external organization in addition to power demand and supply record data.

5. An electric power demand prediction service system as set forth in claim 3, wherein said demand prediction service center cumulatively store demanded prediction data for the electric powersupplier in a customer data file and make reference to said customer data file upon demand prediction.

10 6. An electric power demand prediction service system as set forth in claim 3, wherein said demand prediction service center is said predicting portion which performs prediction of demanded power on the basis of reception signal of a load survey data or distribution line measurement data of the electric
15 power supplier or a result of cluster analysis of load curve record value.

7. An electric power demand prediction service system as set forth in claim 3, wherein the charge processing portion
20 to the electric power supplier in the demand prediction service center is a charge processing portion determining a charge to a customer on the basis of at least one of precision of prediction, size of geometric area, length of prediction period, time interval of prediction per se, and size of electric power
25 variation amount in the load curve in a prediction time zone.